Amendments to the Claims

- 1. (Currently amended) A method for spray-coating aqueous paint, characterized in that a portion of a spray gun is cooled or heated to adjust a temperature of aqueous paint passing through the spray gun to a suitable range within allowable volume absolute humidity during spray coating, and a difference of non-volatile contents $(\Delta NV = NV_2 NV_1)$ between a non-volatile content (NV_1) of aqueous paint during spray coating and a non-volatile content (NV_2) of wet coating after one minute setting is controlled to a suitable range, so that the temperature of aqueous paint maintains in optimum range in accordance with change of both surrounding temperatures and surrounding humidities during spray coating.
- 2. (Original) The method according to claim 1 wherein the spray gun is cooled or heated at a gun tip.
- 3. (Original) The method according to claim 1 wherein the temperature of paint is controlled within a range satisfying the following equations:

$$aX^{2} + bX + c \le Y \le dX^{2} + eX + f$$

$$10 \le X \le 80$$

$$1 \le Y \le 15$$

wherein X shows an optimum temperature of aqueous paint, Y shows an allowable volume absolute humidity, and a, b, c, d, e and f are coefficients that are specific to the aqueous paint employed and experimentally obtained.

4. (New) The method according to claim 1 wherein the Δ NV = NV₂ - NV₁ is adjusted within the range of 3 to 8%.